

Claims

1. Pharmaceutical composition for the treatment of constipation by rectal administration comprising a polar lipid component, a polyvalent alcohol component, water, and optionally an oily triglyceride.
2. The composition of claim 1, wherein the oily triglyceride component is a fraction of natural triglyceride.
3. The composition of claim 2, wherein the oily triglyceride component comprises fractionated oat oil.
4. The composition of any of claims 1-3, wherein the polar lipid component comprises galactolipid.
5. The composition of claim 4, wherein the galactolipid comprises digalactosyldiacylglycerol.
6. The composition of any of claims 1-5, wherein the polyvalent alcohol component is selected from glycerol, propylene glycol, butylene glycol, pentylene glycol, hexylene glycol, butylene-1,4-diol, pentylene-1,5-diol, hexylene-1,6-diol, macrogol, and their mixtures.
7. The composition of claim 6, wherein the polyvalent alcohol component is glycerol.
8. The composition of claim 6, wherein the polyvalent alcohol component is propylene glycol.
9. The composition of any of claims 1-8, comprising from 0 per cent to 30 per cent of oily triglyceride and from 0.5 to 30 per cent of polar lipid component.

10. The composition of any of claims 1-9 of a creamy consistence, comprising from 5 to 30 per cent of oily triglyceride.
- 5 11. The composition of any of claims 1-9 of a gellous or viscous consistence, comprising from 5 per cent to 30 per cent of polar lipid component, with the proviso that it is free from oily triglyceride.
- 10 12. The composition of claim 11, comprising from 8 per cent to 25 per cent of polar lipid component.
13. The composition of claim 11, comprising from 10 per cent to 20 per cent of polar lipid component.
- 15 14. The composition of any of claims 11-13, comprising from 5 per cent to 75 per cent of polyvalent alcohol component.
15. The composition of any of claims 11-13, comprising from 8 per cent to 70 per cent of polyvalent alcohol component.
- 20 16. The composition of any of claims 11-13, comprising from, 10 per cent to 70 per cent of polyvalent alcohol component.
- 25 17. The composition of claim 11, essentially consisting of from 8 to 25 per cent of galactolipid, from 8 to 75 per cent of glycerol, and from 20 to 75 per cent of water, with the proviso that said components add up to 100 per cent.
- 30 18. The composition of any of claims 1-17 comprising a pharmacologically active agent.
19. The composition of claim 18, wherein the pharmacologically active agent is selected from sulphasalazine, sodium aminosalicylate, diazepam, chlorpromazine, tramadol, morphine,
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domperidone, piroxicam, paracetamol, indomethacin, diclofenac, naproxen, metronidazole, antibiotics, antimycotics, local anaesthetics for use in hemorrhoid treatment such as lidocaine.

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20. The composition of any of claims 1-19, comprising one or more of colourant, preservative, perfume, UV-stabilizing agent, antioxidant.

10 21. The composition of any of claims 1-20 having a dynamic viscosity at 20°C of at least $2.5 \cdot 10^{-3}$ Ns/m².

22. The composition of any of claims 1-20 having a dynamic viscosity at 20°C of at least about $5 \cdot 10^{-3}$ Ns/m².

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23. The composition of any of claims 1-20 having a dynamic viscosity at 20°C of at least about $9 \cdot 10^{-3}$ Ns/m².

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20 24. Compressible device filled with a single dose of the composition of any of claims 1-23 provided with a sealed mouthpiece adapted for rectal administration.

25. The device of claim 24 in form of a syringe.

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26. The device of claim 24 in form of a soft polymer container.

27. The device of any of claims 24-26, wherein the single dose
30 has a volume of from 5 to 50 ml.

28. A method of treating constipation, comprising rectal administration of a constipation-dissolving amount of the composition of any of claims 1-23 to a person suffering from
35 constipation.

29. A method of manufacture of the device of any of claims 24-27, comprising providing the composition of any of claims 1-23, providing a compressible container with a mouthpiece suited for rectal administration, filling the container with a
5 single dose of said composition, and sealing the container and/or the mouthpiece.

30. Use of the composition of claims 1-23 for treating constipation.

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31. Use of the composition of claim 18 or 19 for rectal administration of a pharmacologically active agent.

32. A method of manufacture of a medicament for treating
15 constipation, comprising blending a polar lipid component, a polyvalent alcohol component, water and, optionally, an oily triglyceride, to form a gellous or viscous solution.

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